

b.) Amendments to the Claims:

Applicants presently add claims 235 and 236, and cancel pending claims 12, 37, 39, 40, 52, 55, 57, 58, 233, and 234. The status modifiers below indicate that status of the claims as of this response.

1-234. (Canceled)

235. (New) A DAOCS enzyme or DAOCS/DACS enzyme which has been modified, wherein the modification comprises at least one substitution selected from:

(i) a substitution of Leu to another amino acid, wherein the Leu is present at an amino acid position which is equivalent to position 158 of SEQ ID NO:1, and,

(ii) a substitution of Asn to another amino acid, wherein the Asn is present at an amino acid position which is equivalent to position 304 of SEQ ID NO:1.

236. (New) The enzyme of claim 235 comprising substitutions at positions 158 and 304 of SEQ ID NO:1.